

CLAIMS:

5 What is claimed is:

1. A single cell fuel sensor comprising:

 a housing including a fuel inlet chamber, a fuel mixing chamber and a fuel outlet chamber;

10 said fuel inlet chamber including an inlet orifice leading into said mixing chamber at a given level;

 said fuel outlet chamber including an outlet orifice leading out of said mixing chamber at a second level, spaced from said given level; and

15 an electrode fitted into said mixing chamber, said electrode being electrically isolated from said housing.

2. The single cell fuel sensor of Claim 1 wherein said electrical isolation is accomplished by a glass seal between said housing and said electrode.

20 3. The single cell fuel sensor of Claim 1 said housing is provided with extending ears provided with mounting apertures.

4. The single cell sensor of Claim 1 wherein said electrode is cup-shaped.

25 5. The single cell sensor of Claim 1 wherein said inlet and said outlet orifices are provided with rounded corners.